

03500.017731

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|----------------------------------------------|---|----------------------------------|
| In re Application of: |) | |
| HIDEYA KUMOMI ET AL. |) | Examiner: Not Yet Assigned |
| Application No.: Not Yet Assigned |) | Group Art Unit: Not Yet Assigned |
| International Appln. No.: PCT/JP03/15072 |) | |
| International Filing Date: November 26, 2003 |) | |
| Filed: Herewith |) | |
| For: PRODUCING METHOD FOR |) | |
| CRYSTALLINE THIN FILM |) | April 27, 2005 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed foreign and published technical documents are also enclosed.

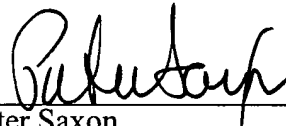
The concise explanation of relevance for the non-English documents is found in an attached abstract and, if provided, in a corresponding U.S. Patent. Corresponding U.S. patents and published applications for foreign patent documents in the English language are provided, where available.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) | | | | ATTY DOCKET NO. 03500.017731 | | APPLICATION NO. : National Stage of PCT/JP01/5072 <div style="font-size: 2em; font-weight: bold; margin-top: 5px;">10/533091</div> | |
| | | | | APPLICANT: HIDEYA KUMOMI | | | |
| | | | | FILING DATE Herewith | | GROUP NYA | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|--------------------|---------|-----------------|-------|----------|-------------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 4,564,403 | 1/1986 | Hayafuji et al. | 148 | 171 | |
| | | 4,670,088 | 6/1987 | Tsaur et al. | 156 | 617 | |
| | | 5,021,119 | 6/1991 | Fan et al. | | | |
| | | 5,318,661 | 6/1994 | Kumomi et al. | | | |
| | | 5,453,153 | 9/1995 | Fan et al. | | | |
| | | 5,496,768 | 3/1996 | Kudo, T. | 437 | 174 | |
| | | 6,326,286 | 12/2001 | Park et al. | | | |
| | | 2003/003766 | 1/2003 | Kumomi et al. | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|----|--------------------|---------|----------------|-------|----------|-----------------------------------------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | GB | 2338342 | 12/199 | United Kingdom | | | Corresp to USP 6,326,286 |
| | EP | 0472970 | 3/1992 | Europe | | | Corresp to USP 5,318,661 |
| | EP | 1262578 | 12/2002 | Europe | | | Corresp. to 2003/003766 |
| | WO | 89/04550 | 5/1989 | PCT | | | Corresp. to UPS 5,021,119 and 5,453,153 |

| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| | Kuriyama et al., "Comprehensive Study ... Thin Film Transistors", Jpn. J. Appl. Phys., Vol. 33, (Part 1, No. 10) (1994) 5657-5662. |
| | Van Der Wilt, "Grain Location ... Thin Silicon Film", Phys. Stat. Solidi Vol. 166 No. 2, 619-626 (April 1998). |
| | Kumomi et al., "Manipulation of nucleation sites ... Si Crystallization", Appl. Phys. Ltrs., Vol. 59, No. 27, 3565-3567 (Dec. 1999). |
| | Hatano et al.; "In situ and ex situ ... laser annealing", J. Non-Cryst. Solids, Vol. 266-269, 654-658 (May 2000) |
| | Patent Abstracts of Japan, Vol. 0080, No. 52 (C-213) 3-1984 for JP 58-208297 |
| | Patent Abstracts of Japan, Vol. 0172, No. 53 (E-1367) 5-1993 for JP04-373171 |
| | Patent Abstracts of Japan, Vol. 0164, No. 99 (E-1290) 10-1992 for JP04-184918 |

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| EXAMINER | DATE CONSIDERED |
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